Team #1 (Trinity)

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Industrial Project Report

Purpose

The purpose of this application is to allow both visitors and administrators to have access to specific actions concerning the Alumni Office. Visitors who have graduated from Mediterranean College are allowed to fill an application form in order to be registered as Active Alumni and be able to login and view their profile. Administrators are able to log in the platform and accept any application they deem appropriate.

Installation / Guide

Since the application was made based on the PHP and MySQL elements of Xampp, it requires Xampp to be installed in the computer. Afterwards. The folder named "IndustrialProject" should be copied inside the "htdocs" folder found in the directory where Xampp is installed. Finally, the user should create a new database called

"industrialproject" using Xampp's MySQL server and import the SQL script named "IndustrialProject" inside it in order for the application to have access to the appropriate database (Xampp Control Panel > MySQL > Start > Admin > Import > Choose File > Execute).

Before starting the application, the user must manually create "Admins" by adding the appropriate elements inside the "admins" table (username, password, admin password etc).For security reasons, we decided that it would be for the best if this was the only way to add Administrators. To start the application, simple execute the "WelcomePage.html" file found in the Project folder. The visitor will be welcomed by three buttons, one for logging in as Administrator, one for logging in as a registered Alumni and one for registering themselves as Alumni. When choosing to register as an Alumni, the user is prompted to a multi-step application form where he is asked to fill some fields with personal information. After filling all the forms, the user should wait until an Administrator accepts their request. Once the Administrator accepts the registration request, the user will have access to their personal profile by logging in through the second option of the main page. Finally, when an Administrator logs in, they will be immediately redirected to a page where they can find all the pending applications. In order to choose which request they wish to accept, all they have to do is click on it.

How was the Application Created?

The application was created using HTML 5 technologies (HTML, CSS, Javascript etc). The main idea behind the creation of this application was to combine PHP, HTML and SQL elements to create a web-based application that will serve all kinds of users, according to their role and consequently, their privileges. As mentioned above, Administrators are able to accept or ignore requests from users that wish to be registered as Alumni. Users are given access to a registration form in order to apply for Alumni status and the ability to log in and view their personal profile if their request is already accepted by the Administrators. All of the pages found in the submitted folder mainly focus around transferring data. Since data was the most important part of the application, we made sure to properly use post/get methods, queries, sessions and cookies in order to ensure it's functionality. Other features revolve around simple .php scripts that support the transferring of data and help cross-reference the credentials that a user may insert with the ones already saved in the database.